

# Notice of Allowability

Application No.  
**09/195,332**

Applicant(s)  
**Kalyan**

Examiner  
**Nga B. Nguyen**

Art Unit  
**2164**



**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the communication filed on 01/07/2002
2. ☒ The allowed claim(s) is/are 1-19
3. ☒ The drawings filed on Jan 7, 2002 are acceptable as formal drawings.
4. ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
  - a) ☐ All    b) ☐ Some\*    c) ☒ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7. ☐ Applicant MUST submit NEW FORMAL DRAWINGS
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment/Comment or in the Office action of Paper No. \_\_\_\_\_

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.**

8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

## Attachment(s)

- |  |   |
|--|---|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                             | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)          |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                    | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____             |
| 5 <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449), Paper No(s). _____          | 6 <input type="checkbox"/> Examiner's Amendment/Comment                             |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 9 <input type="checkbox"/> Other   |   |

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### **DETAILED ACTION**

1. This Office Action is the answer to the Amendment filed on January 7, 2002, which paper has been placed of record in the file.
2. Claims 1-19 are pending in this application.

#### ***Allowable Subject Matter/Reasons for Allowance***

3. The closest priors arts, Walker (US 5,897,620) discloses a method and system for selling airline tickets that have an unspecified departure time (column 2, lines 24-29). Walker further discloses the user of a revenue management system (RMS) to analyze historic demand and pricing information for previous flights along a specified route during a specified time period. The RMS then uses this analysis to determine a number of unspecified-time airline tickets to create for a specific flight. Customers of the airline can then purchase the unspecified-time airline tickets through a special fare listing in an Airline Reservation System (column 4, lines 38-58). Hornick (US 5,270,921) discloses an airline seat reservation system in which seat reservation are controlled using a seat inventory control system (column 4, lines 19-21). The airline seat reservation system discloses in Hornick uses a flight network database to generate seat booking limits and marginal seta revenues to determine whether to accept or reject seat reservation request from customers (column 4, line 60-column 5, line 5). Whitesage discloses a system for determining "true" origin-to-destination travel data from segment travel information stored as

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segment data in a travel reservation database. Using the segment information, the system determines true travel cost and time data with reference to standard units( e.g., cost per distance unit and travel distance per time unit). This true travel cost and time data can then be used to determine direct costs such as fare price and indirect costs such as travel costs per unit of employee time (column 4, line 54-column 5, line 4). Therefore, it is clear from the description of Walker's and Hornick and Whitesage's inventions that the prior arts do not considered the possibility of: calculating a component value for each component by performing the steps: assuming a beginning value for each component, calculating prorated values such on that component by calculating the difference between the product price and a value of the product's other components and calculate a component value as a function of the prorated values and the probability values, as included in claims 1 and 16; for each order point, calculating an incremental production quantity and calculating revenue displaced by the incremental production quantity using the set of product values and calculating an average displaced revenue, as included in claim 6; calculating an expected revenue from a plurality of products for at least two available capacities and calculating an asking price for each of the products as the difference between the expected revenue from the product for successive available capacities, as included in claim 11.

4. Claims 2-5, 7-10, 12-15, and 17-19 are allowed because they are dependent claims of the allowable independent claims 1, 6, 11, and 16.

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***Conclusion***

5. Claims **1-19** are allowed.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nga B. Nguyen, whose telephone number is (703) 306-2901.

The examiner can normally be reached on Monday-Thursday from 7:30 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vincent A. Millin, can be reached on (703)308-1065.

7. **Any response to this action should be mail to:**

Commissioner of Patents and Trademarks  
c/o Technology Center 2700  
Washington, D.C. 20231

**or faxed to:**

(703) 308-9051, (for formal communications intended for entry)

**or:**

(703) 308-5397 (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II,  
2121 Crystal Drive, Arlington.  
VA., Sixth Floor (Receptionist).

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703)305-3900.

Nga B. Nguyen  
March 22, 2002



VINCENT MILLIN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100